

# **BOOKISH PRESENTATION**

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Malia Porter

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# 1. Project Background

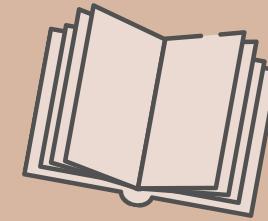
## What is Bookish?

Inspired by Goodreads, Bookish is a website that would allow users to track their reading history, make goals, and view book and user profiles and leaderboards.

## Bookish would provide its users with:

- leaderboards to promote reading activity
- a space to track which books they've read
- statistics on their reading habits (e.g. average pages per book and average pages per week)

## 2. Team Members



**Malia Porter:**

Front-End

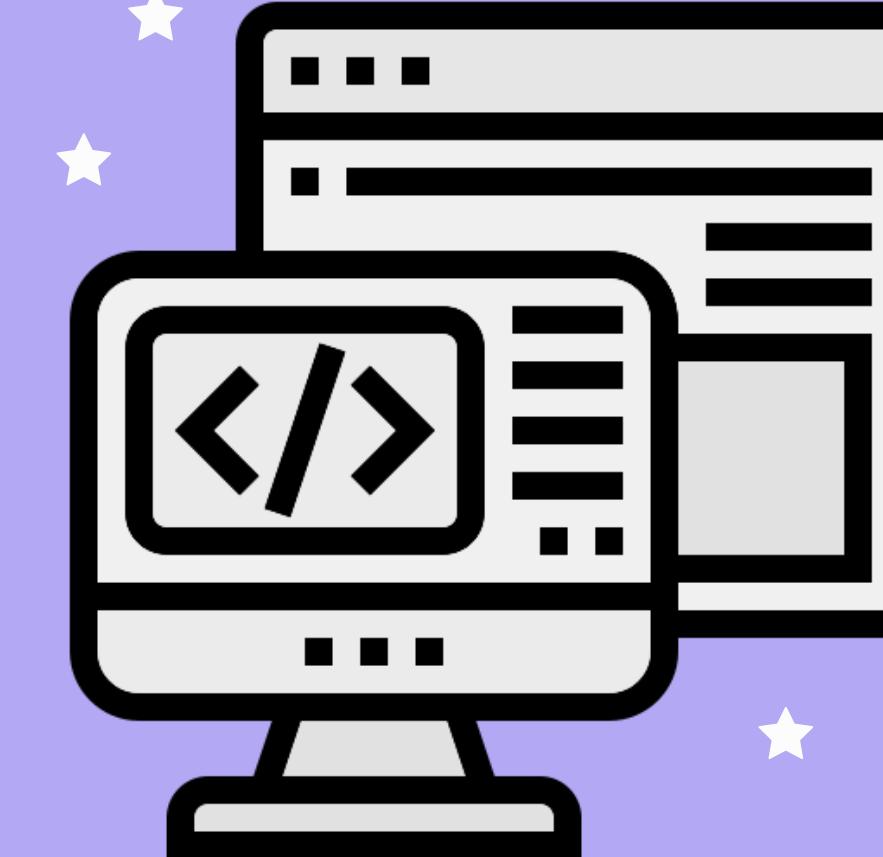
[malia.porter@ocvts.org](mailto:malia.porter@ocvts.org)



**Caleigh Wlazlowski:**

Back-End

[caleigh.wlazlowski@ocvts.org](mailto:caleigh.wlazlowski@ocvts.org)



### 3. Technologies Used

#### Front-End:

Software:

- VS Code

Languages:

- HTML
- SCSS
- JavaScript



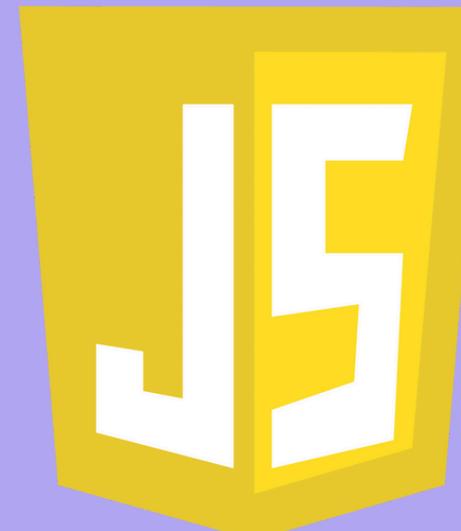
#### Back-End:

Software:

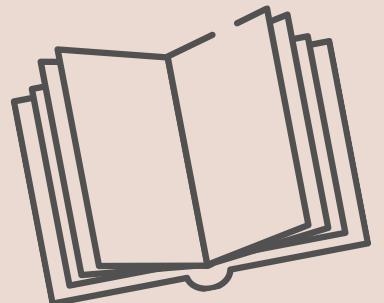
- VS Code
- MySQL
- Excel

Languages:

- SQL
- JavaScript
- Python
- minor HTML and CSS



## 4 . DEMO



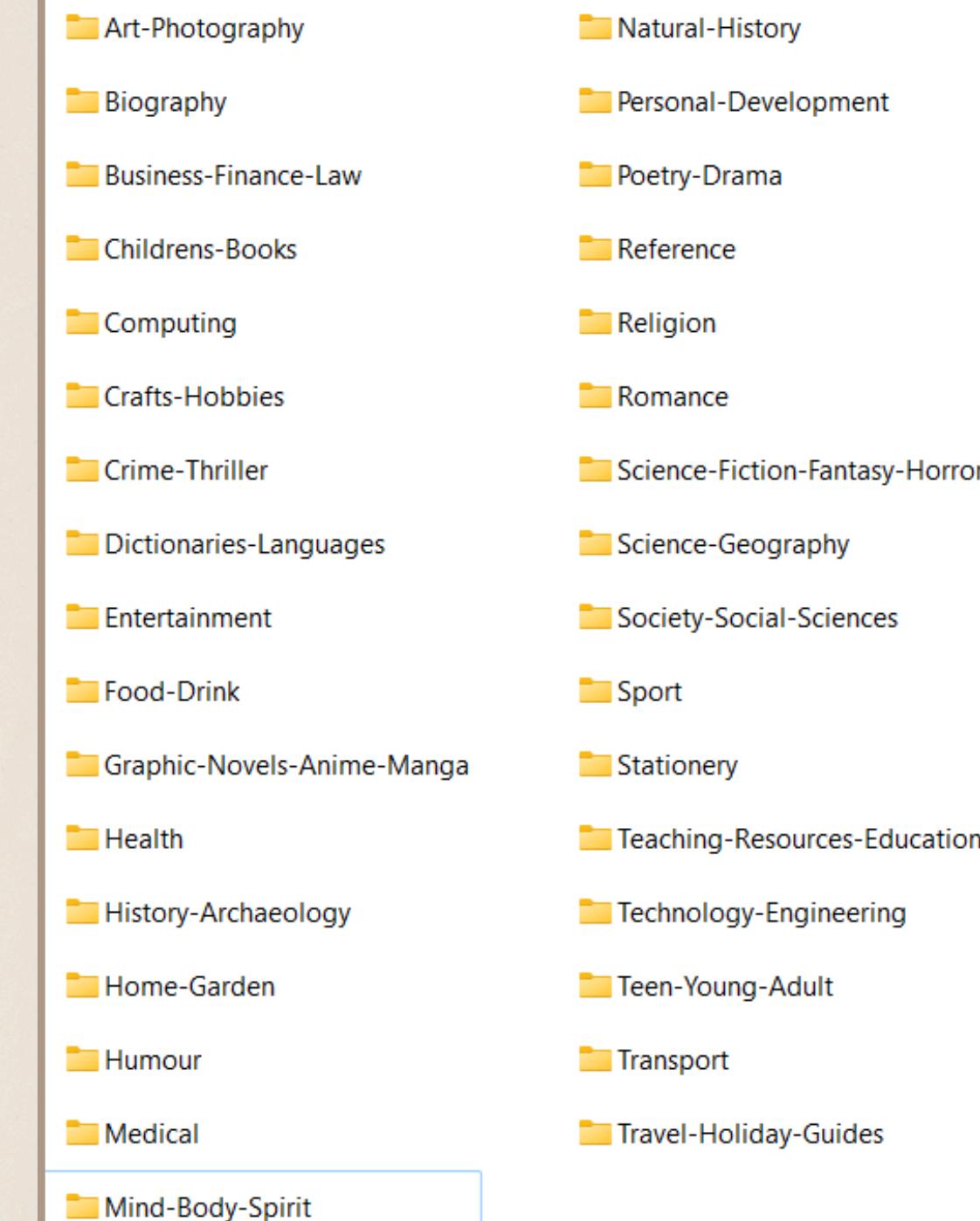
# 5. Things That Went Wrong: Front-End

- trouble learning CSS grid and HTML semantic tags & accessibility
- some elements weren't inheriting font-size
- difficulty designing the favicon
- learning SCSS nesting & partials/modules
- invisible spaces between buttons
  - fixed by setting font-size to 0 or using flex
- making sidebar take up the full screen height
  - made the hamburger icon fixed when the sidebar was open and absolute when it wasn't
- responsive design
  - had to add input-box divs on sign-up page
- how to make folders in GitHub



# 5. Things That Went Wrong: Back-End

- had trouble finding a good book dataset to use as a database
- had to reinstall Python in order for the code to work in VS Code
- can't commit more than 10,000 things at once
  - made it more difficult to upload the book covers
- there are multiple ISBN values for one book
  - different publications are a different ISBN
- had to check off a setting to upload dataset into VS Code



# 5. Things That Went Wrong: Back-End

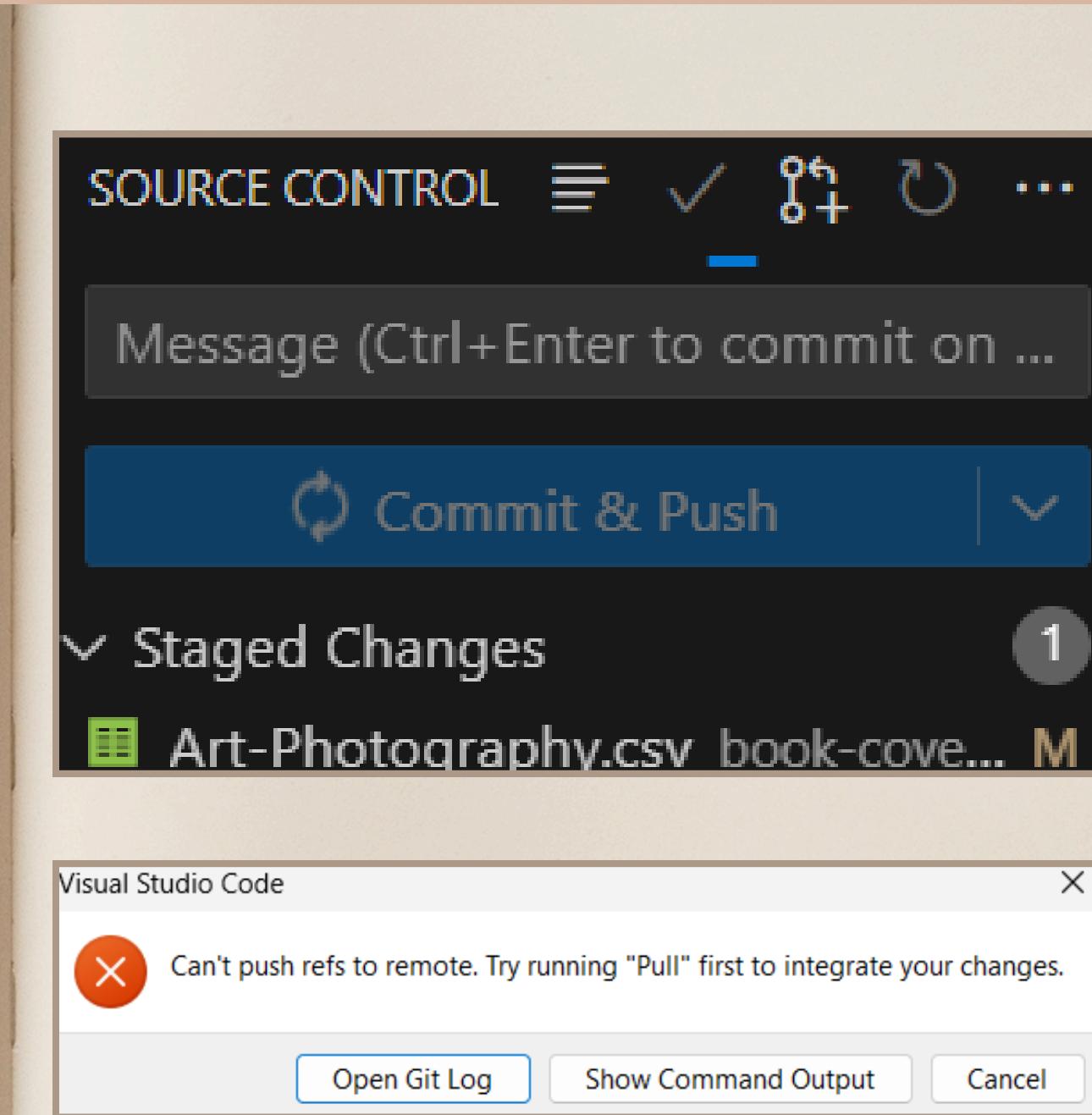
Fantastic Beasts and Where to Fi...	J. K. Rowling	97800000000...	Art-Photography	dataset/Art-Photography/0000001.jpg
Fantastic Beasts: The Crimes of ...	J. K. Rowling	97800000000...	Art-Photography	dataset/Art-Photography/0000003.jpg
The Complete MAUS	Art Spiegelman	97800000000...	Art-Photography	dataset/Art-Photography/0000005.jpg
Humans of New York	Brandon Stanton	97800000000...	Art-Photography	dataset/Art-Photography/0000006.jpg
Ways of Seeing	John Berger	97800000000...	Art-Photography	dataset/Art-Photography/0000007.jpg
Millie Marotta's Animal Kingdom	Millie Marotta	97800000000...	Art-Photography	dataset/Art-Photography/0000008.jpg
The Hare with Amber Eyes	Edmund de Waal	97800000000...	Art-Photography	dataset/Art-Photography/0000009.jpg
Just Kids	Patti Smith	97800000000...	Art-Photography	dataset/Art-Photography/0000011.jpg
Born to Run	Bruce Springsteen	97800000000...	Art-Photography	dataset/Art-Photography/0000012.jpg
Music Theory in Practice, Grade 1	Eric Taylor	97800000000...	Art-Photography	dataset/Art-Photography/0000013.jpg
This is Going to Hurt	Adam Kay	97800000000...	Biography	dataset/Biography/0000001.jpg
Good Night Stories for Rebel Girls	Elena Favilli	97800000000...	Biography	dataset/Biography/0000002.jpg
Becoming	Michelle Obama	97800000000...	Biography	dataset/Biography/0000003.jpg
Educated	Tara Westover	97800000000...	Biography	dataset/Biography/0000004.jpg
When Breath Becomes Air	Paul Kalanithi	97800000000...	Biography	dataset/Biography/0000005.jpg
Lost Connections	Johann Hari	97800000000...	Biography	dataset/Biography/0000006.jpg
Man's Search For Meaning	Viktor E. Frankl	97800000000...	Biography	dataset/Biography/0000007.jpg
I Know Why the Caged Bird Sings	Maya Angelou	97800000000...	Biography	dataset/Biography/0000008.jpg
Brief Answers to the Big Questions	Stephen Hawking	97800000000...	Biography	dataset/Biography/0000009.jpg
Born A Crime	Trevor Noah	97800000000...	Biography	dataset/Biography/0000010.jpg
The Barefoot Investor	Scott Pape	97800000000...	Business-Fina...	dataset/Business-Finance-Law/0000001.jpg
How to Win Friends and Influenc...	Dale Carnegie	97800000000...	Business-Fina...	dataset/Business-Finance-Law/0000002.jpg
Thinking, Fast and Slow	Daniel Kahneman	97800000000...	Business-Fina...	dataset/Business-Finance-Law/0000003.jpg
Start With Why	Simon Sinek	97800000000...	Business-Fina...	dataset/Business-Finance-Law/0000004.jpg
Man's Search For Meaning	Viktor E. Frankl	97800000000...	Business-Fina...	dataset/Business-Finance-Law/0000005.jpg
Daring Greatly	Brene Brown	97800000000...	Business-Fina...	dataset/Business-Finance-Law/0000006.jpg
The Intelligent Investor	Benjamin Graham	97800000000...	Business-Fina...	dataset/Business-Finance-Law/0000007.jpg
Dare to Lead	Brene Brown	97800000000...	Business-Fina...	dataset/Business-Finance-Law/0000008.jpg
The 4-Hour Work Week	Timothy Ferriss	97800000000...	Business-Fina...	dataset/Business-Finance-Law/0000010.jpg
Dear Zoo	Rod Campbell	97800000000...	Childrens-Books	dataset/Childrens-Books/0000001.jpg
The Very Hungry Caterpillar	Eric Carle	97800000000...	Childrens-Books	dataset/Childrens-Books/0000002.jpg
Millie Marotta's Animal Kingdom	Millie Marotta	97800000000...	Crafts-Hobbies	dataset/Crafts-Hobbies/0000006.jpg
Where Is the Green Sheep?	Judy Horacek	97800000000...	Childrens-Books	dataset/Childrens-Books/0000003.jpg
Giraffes Can't Dance	Giles Andreae	97800000000...	Childrens-Books	dataset/Childrens-Books/0000004.jpg
Secret Garden	Johanna Basford	97800000000...	Childrens-Books	dataset/Childrens-Books/0000005.jpg
The Little Prince	Antoine de Saint...	97800000000...	Childrens-Books	dataset/Childrens-Books/0000006.jpg
Have You Filled A Bucket Today?	Carol McCloud	97800000000...	Childrens-Books	dataset/Childrens-Books/0000007.jpg
Harry Potter and the Cursed Chil...	J. K. Rowling	97800000000...	Childrens-Books	dataset/Childrens-Books/0000008.jpg
There Was an Old Lady Who Sw...	Pam Adams	97800000000...	Childrens-Books	dataset/Childrens-Books/0000009.jpg
Wonder	R. J. Palacio	97800000000	Childrens-Books	dataset/Childrens-Books/0000010.jpg

- SQLite
  - tried to make a sample table but kept erroring out
  - program won't open without reinstalling

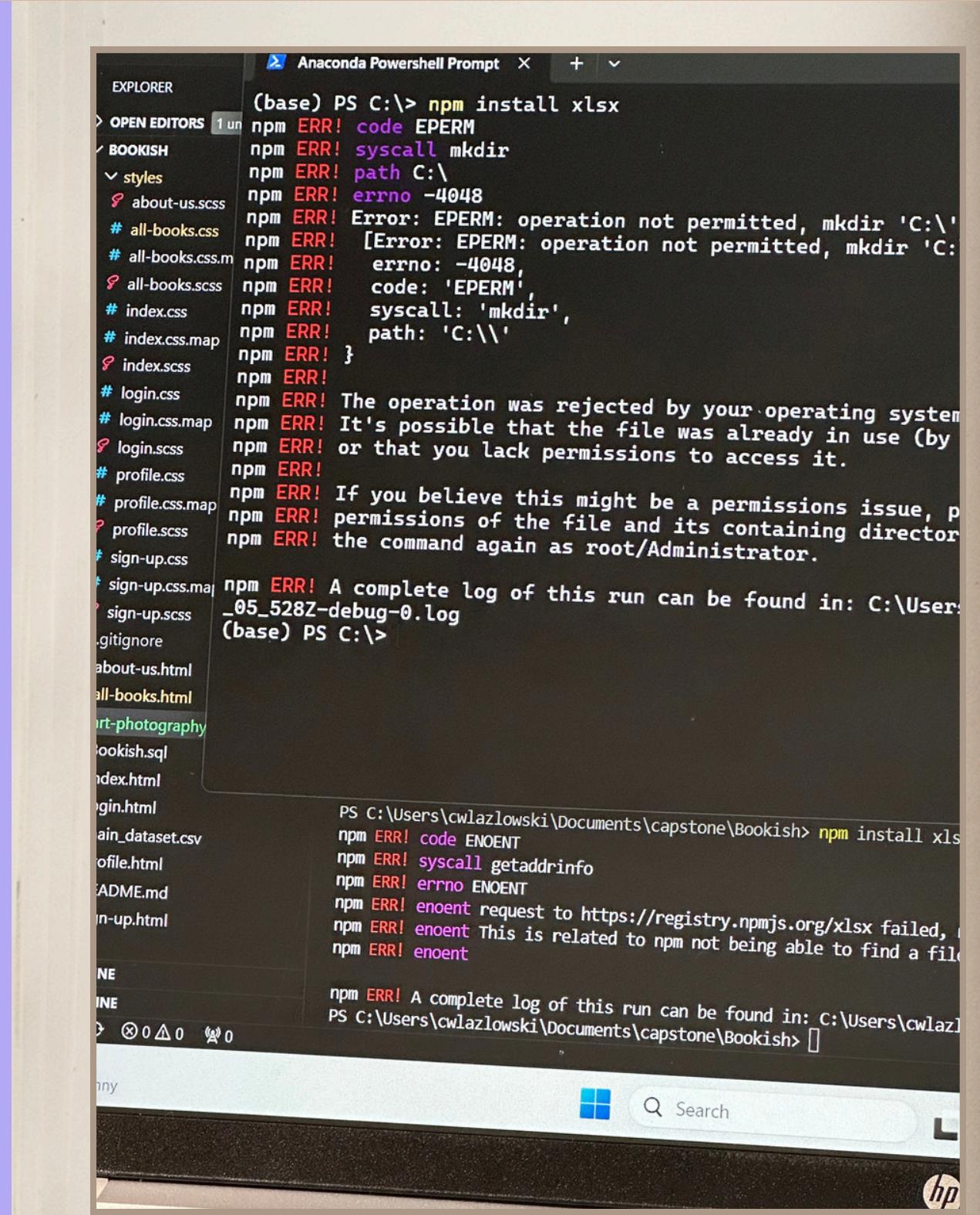
- Postgres
  - learned to run only one query at once
  - had to manually add values through the Content tab
  - had to reload Postbird in order for everything to work
  - kept crashing on the first day
  - can only add one row at a time in the Content tab
  - new rows would add to different places, not at the bottom
  - figuring out how to type apostrophes without errors
  - couldn't find anything on how to convert an Excel file into a Postgres SQL table

# 5. Things That Went Wrong: Back-End

- waiting on IT John to download MySQL on the computer
- converted weird symbols back into accents in the dataset
  - took forever to find my original doc
- Github
  - learned to pull before pushing
  - have to add a commit message or it won't go through



# 5. Things That Went Wrong: Back-End



```
EXPLORER
OPEN EDITORS 1 un
BOOKISH
  styles
    about-us.scss
  # all-books.css
  # all-books.css.m
  # all-books.scss
  # index.css
  # index.css.map
  # index.scss
  # login.css
  # login.css.map
  # login.scss
  # profile.css
  # profile.css.map
  # profile.scss
  # sign-up.css
  # sign-up.css.map
  # sign-up.scss
  .gitignore
  about-us.html
  all-books.html
  art-photography
  bookish.sql
  index.html
  index.html
  main_dataset.csv
  ofile.html
  README.md
  sign-up.html

  NE
  INE
  PS C:\Users\cwlazlowski\Documents\capstone\Bookish> npm install xlsx
  npm ERR! code EPERM
  npm ERR! syscall mkdir
  npm ERR! path C:\
  npm ERR! errno -4048
  npm ERR! Error: EPERM: operation not permitted, mkdir 'C:\
  npm ERR! [Error: EPERM: operation not permitted, mkdir 'C:
  npm ERR!   errno: -4048
  npm ERR!   code: 'EPERM',
  npm ERR!   syscall: 'mkdir',
  npm ERR!   path: 'C:\\'
  npm ERR!
  npm ERR! The operation was rejected by your operating system.
  npm ERR! It's possible that the file was already in use (by
  npm ERR! or that you lack permissions to access it.
  npm ERR!
  npm ERR! If you believe this might be a permissions issue, p
  npm ERR! permissions of the file and its containing director
  npm ERR! the command again as root/Administrator.

  npm ERR! A complete log of this run can be found in: C:\User
  _05_528Z-debug-0.log
  (base) PS C:>

PS C:\Users\cwlazlowski\Documents\capstone\Bookish> npm install xlsm
  npm ERR! code ENOENT
  npm ERR! syscall getaddrinfo
  npm ERR! path ENOENT
  npm ERR! errno ENOENT
  npm ERR! enoent request to https://registry.npmjs.org/xlsx failed,
  npm ERR! enoent This is related to npm not being able to find a file
  npm ERR! enoent

  npm ERR! A complete log of this run can be found in: C:\User
  PS C:\Users\cwlazlowski\Documents\capstone\Bookish>
```

- attempted to use Python or JavaScript to connect the Excel dataset to the website, but everything errored out or the website would be stuck loading
- had to manually write in images, titles, and authors as well as properly space out words to match up with the covers

# 6. Things That Went Well: Front-End

- found a YouTube tutorial on how to create a hamburger menu with only CSS
- using `_base.scss` to reuse styles
- SCSS nesting was very helpful
- good organization
  - had folders for styles and scripts
- Flexbox was very useful for element positioning
- useful websites:
  - W3Schools
  - Font Awesome



Sass

# 6. Things That Went Well: Back-End

- Codecademy “Back-End Engineer” career path
- finding my main dataset with folders of book covers on Kaggle (after lots of searching)
- filtering and cleaning main dataset
- making Postgres database was easy
- MySQL was also easy to use

	title	author	isbn	genre	img_path	covers
▶	Fantastic Beasts and Where to Find Them	J. K. Rowling	9780000000000	Art-Photography	dataset/Art-Photography/0000001.jpg	1
	Fantastic Beasts: The Crimes of Grindelwald - T...	J. K. Rowling	9780000000000	Art-Photography	dataset/Art-Photography/0000003.jpg	1
	The Complete MAUS	Art Spiegelman	9780000000000	Art-Photography	dataset/Art-Photography/0000005.jpg	1
	This is Going to Hurt	Adam Kay	9780000000000	Biography	dataset/Biography/0000001.jpg	1
	Good Night Stories for Rebel Girls	Elena Favilli	9780000000000	Biography	dataset/Biography/0000002.jpg	1
	Becoming	Michelle Obama	9780000000000	Biography	dataset/Biography/0000003.jpg	1
	The Barefoot Investor	Scott Pape	9780000000000	Business-Finance-Law	dataset/Business-Finance-Law/0000001.jpg	1
	How to Win Friends and Influence People	Dale Carnegie	9780000000000	Business-Finance-Law	dataset/Business-Finance-Law/0000002.jpg	1
	Thinking, Fast and Slow	Daniel Kahneman	9780000000000	Business-Finance-Law	dataset/Business-Finance-Law/0000003.jpg	1
	Dear Zoo	Rod Campbell	9780000000000	Childrens-Books	dataset/Childrens-Books/0000001.jpg	1
	The Very Hungry Caterpillar	Eric Carle	9780000000000	Childrens-Books	dataset/Childrens-Books/0000002.jpg	1
	Where Is the Green Sheep?	Judy Horacek	9780000000000	Childrens-Books	dataset/Childrens-Books/0000003.jpg	1

# 6. Things That Went Well: Back-End

- formatting all-books pages
  - html, css, scss. css.map
- added all-books page to other pages on top and side bars
- adding genre titles to all-books page

```
<header>
  <nav>
    <a href="index.html">
      |   
    </a>
    <a href="index.html" class="nav-link">home</a>
    <a href="about-us.html" class="nav-link">about us</a>
    <a href="#" class="nav-link">top books</a>
    <a href="#" class="nav-link">top users</a>
    <a href="all-books.html" class="nav-link">all books</a>
  </nav>
  <div class="header-login-area">
    <a href="sign-up.html" class="sign-up">sign up</a>
    <a href="login.html" class="login">log in</a>
    <label class="hamburger-menu">
      |   <input type="checkbox">
    </label>
    <aside class="sidebar">
      <nav>
        <a href="index.html" class="sidebar-link">home</a>
        <a href="about-us.html" class="sidebar-link">about us</a>
        <a href="#" class="sidebar-link">top books</a>
        <a href="#" class="sidebar-link">top users</a>
        <a href="all-books.html" class="sidebar-link">all books</a>
      </nav>
    </aside>
  </div>
</header>
```



# THE END